

a top portion and a base plate attached to said top portion, each of said top portion and said base plate including a plurality of uniformly spaced cavities disposed about the center thereof and defining a plurality of raceways;

a plurality of mobile weights within said raceways, said weights adapted for movement within said cavities;

said rotor and generator being held by a framework attached to the body of the vehicle, said framework comprising first and second double-bearing assemblies.

14. (New) The system of Claim 13 wherein said framework is attached to said vehicle by a pair of columnar members, each of said columnar members defining a central bore and movable shaft within said bore, wherein said shaft is capable of horizontal movement.

15. (New) The system of Claim 14 wherein said shaft is coupled to a spherical bearing.

16. (New) The system of Claim 14 wherein one end of said shaft is attached to one of said double-bearing assemblies.

17. (New) The system of Claim 13 wherein said mobile weight includes a pair of slides for facilitating movement of said weights within said raceway.

18. (New) The system of Claim 13 wherein said raceway is inclined between said central and peripheral regions of said

rotor to facilitate movement of said mobile weights toward said central region of said rotor.

19. (New) The system of Claim 18 wherein said raceway at said peripheral region of said rotor is upwardly inclined by approximately 3° relative to said raceway near said central region of said rotor.